DOCKET NO. RBUS 1310-1 (RA310.P.US)

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:
 Frederick A. Ware et al.

Application No.

Filed: herewith

Title: Communication Channel Calibration for Drift Conditions

Group Art Unit: unknown

Examiner: unknown

CUSTOMER NO.: 38342

POWER OF ATTORNEY BY ASSIGNEE TO EXCLUSION OF INVENTOR UNDER 37 C.F.R. § 3.71 WITH REVOCATION OF PRIOR POWERS

Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

Sir:

The undersigned ASSIGNEE of the entire interest in the above-identified application for letters patent hereby appoints:

Mark A. Haynes	•	Reg. No. 30,846
Ernest J. Beffel, Jr.	-	Reg, No. 43,489
Warren S. Wolfeld	-	Reg. No. 31,454
James F. Hann	-	Reg. No. 29,719
Bill Kennedy	-	Reg. No. 33,407
Kent M. Richardson	-	Reg. No. 39,443
Paul M. Anderson	-	Reg. No. 39,896
Paula J. Tostado	-	Reg. No. 40,691
Jose G. Moniz	-	Reg. No. 50,192

to prosecute this application and transact all business in the United States Patent and Trademark Office in connection therewith and hereby revokes all prior powers of attorney; said appointment to be to the exclusion of the inventors and the inventors' attorneys in accordance with the provisions of 37 C.F.R. §3.71.

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The following evidentiary documents establish a chain of title from the original owner to the Assignee:

a copy of an Assignment attached here forwarded to the Patent and Trademark			s been (or is	herewith)
 the Assignment recorded on	at reel _	, frames _	·	

Pursuant to 37 C.F.R. § 3.73(b) the undersigned Assignee hereby states that evidentiary documents have been reviewed and hereby certifies that, to the best of Assignee's knowledge and belief, title is in the identified ASSIGNEE.

Direct all telephone calls to Mark A. Haynes at (650) 712-0340.

Address all correspondence to:

Customer Number 38342

Rambus, Inc. c/o HAYNES BEFFEL & WOLFELD LLP P.O. Box 366 Half Moon Bay, CA 94019 (650) 712-0340 (phone) (650) 712-0263 (fax)

Date: 1/27/04 ASSIGNEE: RAMBUS, INC.

Signature:

Name: John D. Danforth

Title: Schior Vice President &

Atty Docket: RBUS 1310-1 (RA310.P.US)

COMBINED DECLARATION AND POWER OF ATTORNEY FOR UTILITY PATENT APPLICATION

As a below-named inventor, I hereby declare that:

Prior Foreign Application(s)

My residence, post office address and citizenship are as stated below next to my name;

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled: COMMUNICATION CHANNEL CALIBRATION FOR DRIFT CONDITIONS, the specification of which is being filed herewith.

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information which is material to the examination of this application in accordance with Title 37, Code of Federal Regulations, §1.56(a) which states in relevant part: "Each individual associated with the filing and prosecution of a patent application has a duty of candor and good faith in dealing with the Office, which includes a duty to disclose to the Office all information known to that individual to be material to patentability as defined in this section....The duty to disclose all information known to be material to patentability is deemed to be satisfied if all information known to be material to patentability of any claim issued in a patent was cited by the Office or submitted to the Office in the manner prescribed by §§ 1.97(b)-(d) and 1.98."

I hereby claim foreign priority benefits under Title 35, United States Code, §119 of any foreign application(s) for patent or inventor's certificate as indicated below and have also identified below any foreign application for patent or inventor's certificate on this invention having a filing date before that of the application on which priority is claimed:

Priority Claimed

(Number)	(Country)	(Day/Month/Year Filed)	Yes No
(Number)	(Country)	(Day/Month/Year Filed)	Yes No
and under §119(e) of a matter of each of the cl manner provided by th disclose material inform	ny United States provisi aims of this application e first paragraph of Tith nation as defined in Tith	, United States Code, §120 of any ional application(s), listed below is not disclosed in the prior Unite 35, United States Code, §112, e 37, Code of Federal Regulation and the national or PCT interest.	and, insofar as the subject ted States application in the I acknowledge the duty to m, §1.56(a) which occurred
(Application Serial No.	(Filing Date)	(Patented, Pending, Ab	andoned)

Atty Docket: RBUS 1310-1 (RA310.P.US)

I hereby appoint the following attorney(s) and/or agent(s) to prosecute this application and transact all business in the Patent and Trademark Office connected therewith, and to file, prosecute and to transact all business in connection with international applications directed to said invention:

Reg. No. 30,846 Mark A. Haynes -Reg. No. 43,489 Emest J. Beffel, Jr. -Warren S. Wolfeld -Reg. No. 31,454 James F. Hann Reg. No. 29,719 Reg. No. 33,407 Bill Kennedy Kent M. Richardson Reg. No. 39,443 Paul M. Anderson -Reg. No. 39,896 Paula J. Tostado -Reg. No. 40,691 Jose G. Moniz Reg. No. 50,192

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Rambus, Inc. c/o Haynes Beffel & Wolfeld LLP P.O. Box 366 Half Moon Bay, CA 94019

Direct all telephone calls to Mark A. Haynes at (650) 712-0340.

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Title 18, United States Code, §1001 and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Full name of first joint inventor, if any:	Frederick Anware 1
Inventor's signature:	Magain
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Inventor's signature:	Righard E Rigge
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Residence:	San Jose, California
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Full name of third	
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Inventor's signature:	Lay Harpel
Date:	
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